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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/700,383	11/14/2000	Antonius Adriaan Maria Staring	PHN17384	3621

7590 04/22/2004

Philips Elcetronic North American Corp.
580 White Plains Rd.
Tarrytown, NY 10591

EXAMINER

DADA, BEEMNET W

ART UNIT	PAPER NUMBER
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2135

DATE MAILED: 04/22/2004

4

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary

Application No.

09/700,383

Applicant(s)

STARING ET AL.

Examiner

Beemnet W Dada

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 November 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1-7 have been examined.

Specification

2. The specification is objected to as failing to comply with 37 CFR 1.77(b) because sections in the specification do not have section headings. Appropriate corrections is required.

Claim Objections

3. Claim 1 is objected to because of the following informalities: Claim 1 is not numbered. Appropriate correction is required.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Takenaka et al. (hereinafter refereed to as Takenaka) (U.S. Patent No. 5,917,908).

6. As per claim 1, Takenaka teaches a method of providing copy-protection services on a data storage medium [column 1, lines 64-67 and column 2, lines 1-7], characterized in that the stored data is arranged in sectors (data arranged in blocks) [figure 7 and column 5, lines 45-53], a tagging part (a data management portion) being associated with each sector [figure 7], where the tagging part (data management portion) of said sector comprises a field that stores a value R_i (positional information) [column 5, lines 61-65] which is randomly altered with each write access to said sector [column 5, lines 35-42], and the stored data being encrypted with an encryption key that is at least in part derived from values of at least some of said fields [column 8, lines 14-21 and lines 34-38].

Furthermore, Takenaka teaches file protection system where stored files are protected and read access is controlled [column 4, lines 62-67]. However, Takenaka does not explicitly teach a sector field being read only for external access. It would have been obvious to one having ordinary skill in the art at the time the invention was made to include a read only external access to a sector field into the file protection system of Takenaka. This would have been obvious because Takenaka teaches a protected storage unit and controlled read access [column 4, lines 60-67]. Based on this teaching it would have been obvious to one having ordinary skill in the art at the time the invention was made to include a sector field being read only for external access into the

protected storage unit of Takenaka in order to prevent external modification of storage area.

7. As per claim 2, Takenaka teaches the method as applied to claim 1 above.

Furthermore, Takenaka teaches the method, characterized in that the data storage medium is a removable memory module [column 1, lines 9-16].

8. As per claim 3 and 4, Takenaka teaches the method as applied to claim 1 above.

Furthermore, Takenaka teaches method, characterized in that the encryption key is derived from the values of said fields associated with sectors in which usage information or content is stored [column 8, lines 14-21 and lines 34-38].

9. As per claim 5 and 7, Takenaka teaches the method as applied to claim 1 above.

Furthermore, Takenaka teaches the method comprising a controller unit for choosing the values at random [column 5, lines 35-42].

10. As per claim 6, Takenaka teaches the method as applied to claim 1 above.

Furthermore, Takenaka teaches player for playing from a data storage unit prepared according to a method as applied to claim 1 above [figure 1, and column 1, lines 36-37].

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a) U.S. Patent No. 6,000,030 to Steinberg et al.
- b) U.S. Patent No. 6,535,858 B1 to Blaukovitsch et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Beemnet W Dada whose telephone number is (703) 305-8895. The examiner can normally be reached on Monday - Friday (8:30 am - 6:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y Vu can be reached on (703) 305-4393. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

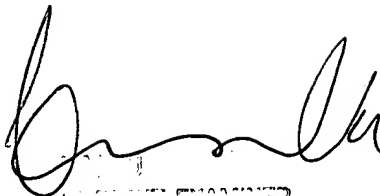
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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